



PTO/SB/08A/B (09-08)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/516,823-Conf. #7306	
			Filing Date	December 7, 2004	
			First Named Inventor	Akira Kawahara	
			Art Unit	1641	
			Examiner Name	C. E. Foster	
Sheet	1	of	1	Attorney Docket Number	OMY-0041

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
CF	CA	G. Mosconi et al., "Seasonal Changes in Plasma Growth Hormone and Prolactin Concentrations of the Frog <i>Rana esculenta</i> ", General and Comparative Endocrinology 93, pp.380-387 (1994).		
CF	CB	Nancy D. Denslow et al., "Vitellogenin as a Biomarker of Exposure for Estrogen or Estrogen Mimics", Ecotoxicology 8, pp.385-398 (1999).		
CF	CC	Naoshi Hiramatsu et al., "Transition of Serum Vitellogenin Cycle in Sakhalin Taimen (<i>Hucho perryi</i>), Comparative Biochemistry and Physiology. Vol.118C, No.2, pp.149-157 (1997).		
CF	CD	E. Hurter et al., "Validation of an ex Vivo <i>Xenopus</i> Liver Slice Bioassay for Environmental Estrogens and Estrogen Mimics", Ecotoxicology and Environmental Safety 53, pp.178-187 (2002).		
CF	CE	Naoko Mitsui et al., "Sandwich ELISAs for quantification of <i>Xenopus laevis</i> vitellogenin and albumin and their application to measurement of estradiol-17 β effects on whole animals and primary-cultured hepatocytes", Comparative Biochemistry and Physiology Part C, 135, pp. 305-313 (2003).		
CF	CF	S. Jobling et al., "Detergent components in sewage effluent are weakly oestrogenic to fish: An in vitro study using rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes, Aquatic Toxicology, 27, pp.361-372 (1993).		
CF	CG	Werner Kloas et al., "Amphibians as a model to study endocrine disruptors: II. Estrogenic activity of environmental chemicals in vitro and in vivo, The Science of the Total Environment 225, pp.59-68 (1999).		
CF	CH	International Preliminary Examination Report mailed on March 3, 2005.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	6/5/07
-----------------------	--	--------------------	--------